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Nucleus®

CP810 and CR110 Docupack Addendum

Hear now. And always

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Descriptions of symbols within this Guide

	Warning (harmful) Potential safety hazards and serious adverse reactions. Could cause harm to person.

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Introduction

About this addendum

This document is a supplement to the documentation that you received with your Cochlear™ Nucleus® CP810 Sound Processor and Cochlear Nucleus CR110 Remote Assistant.

The document contains the following information:

- Instructions for:
  - Using the Cochlear Nucleus CP800 Series LiteWear.
  - Using the Cochlear Nucleus CP800 Series Tamper Resistant Earhook.
  - Replacing microphone protectors.
  - Using the Cochlear Nucleus CP800 Series Coil Spacer.
- Auto Processor Off feature.
- Care and maintenance of standard battery modules (disposable batteries)
- Updates to the Cochlear Nucleus CP800 and CR100 Series Product Catalogue.
- Erratum.

The Cochlear Nucleus CP810 Sound Processor User Guide and the Important Information Booklet contain important safety information about your sound processor. It is important that you read and understand these warnings and precautions before using your sound processor.

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Using the LiteWear

The Cochlear™ Nucleus® CP800 Series LiteWear allows the battery module to be attached to the body. The processing unit is worn behind the ear and is connected to the battery module by the Cochlear Nucleus CP800 Series LiteWear Cable.

The Cochlear Nucleus CP800 Series LiteWear Case protects and holds the battery module securely. The LiteWear Case can be connected to your clothing with a Cochlear Nucleus CP800 Series LiteWear Fixing Aid.

You cannot use a Cochlear Nucleus CP800 Series Compact Rechargeable Battery Module or a Cochlear Nucleus CP800 Series Sound Processor Cover with the LiteWear Cable.

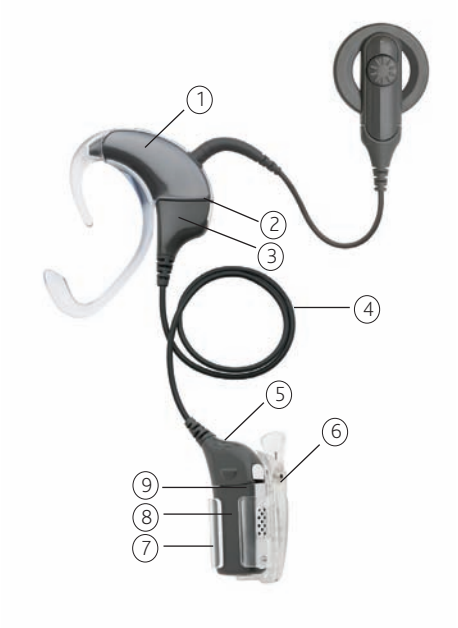

Figure 1: LiteWear

1. Processing unit
2. LiteWear Cable upper shoe locking latch (on the processing unit)
3. LiteWear Cable upper shoe
4. LiteWear Cable
5. LiteWear Cable lower shoe
6. LiteWear Fixing Aid (Alligator Clip)
7. LiteWear Case
8. Battery module
9. LiteWear Cable lower shoe locking latch (on the lower shoe)

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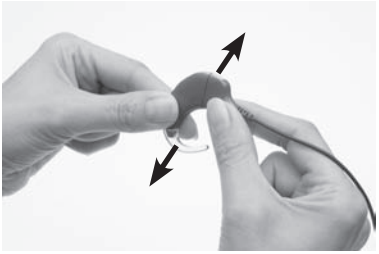
Attaching and detaching the LiteWear Cable

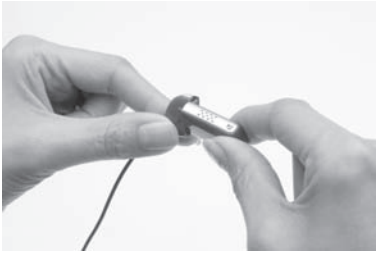
To attach the LiteWear Cable:

1. If the battery module is attached to the processing unit, detach it from the processing unit.

2. Hold the processing unit and the upper shoe of the LiteWear cable (cable end that connects to the processing unit) so they touch. The upper shoe should face to the left and the processing unit to the right of the final position.



3. Gently twist the processing unit and the upper shoe until the two parts fit.



4. Hold the battery module and the lower shoe of the LiteWear cable (cable end that connects to the battery module) so they touch. The lower shoe should face to the right and the battery module to the left of the final position.

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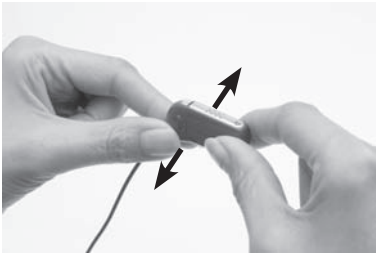
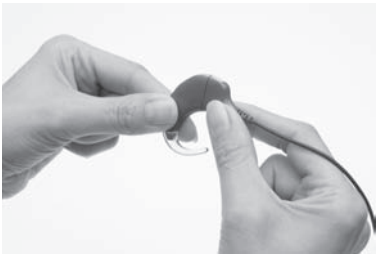
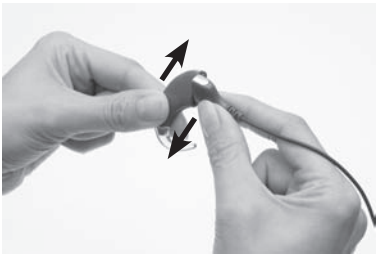


5. Gently twist the battery module and the lower shoe until the two parts fit.

To detach the LiteWear Cable:





1. Ensure that the LiteWear Cable is unlocked. For more information, see ***Locking and unlocking the LiteWear Cable***.
2. Hold the processing unit in one hand and the LiteWear Cable in the other hand.
3. Gently twist the upper shoe of the LiteWear Cable to the left and the processing unit to the right until the two parts separate.

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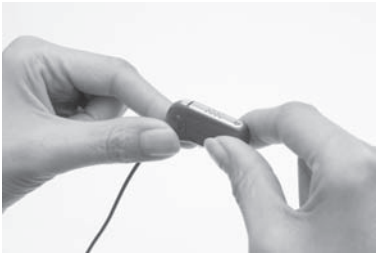
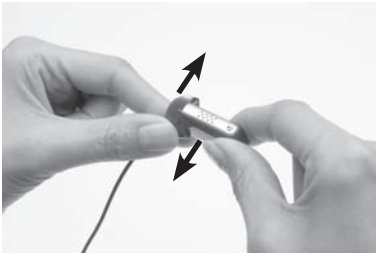


4. Hold the battery module in one hand and the LiteWear Cable in the other hand.



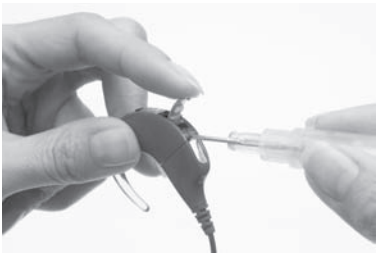
5. Gently twist the lower shoe of the LiteWear Cable to the right and the battery module to the left until the two parts separate.

Locking and unlocking the LiteWear Cable

You can lock the processing unit and the battery module to the LiteWear Cable. This reduces the risk of children detaching the battery module or the processing unit from the LiteWear Cable.

To lock the processing unit to the LiteWear Cable:

1. Attach the LiteWear Cable to the processing unit.
2. Lift the accessory socket cover on the processing unit to reveal the lock. It is located below the accessory socket.



3. Using a pair of tweezers or a screwdriver, push the latch to the left to lock the processing unit to the LiteWear Cable.

To unlock, push the latch to the right.

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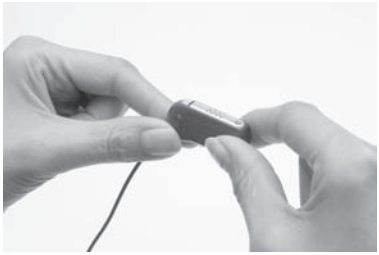
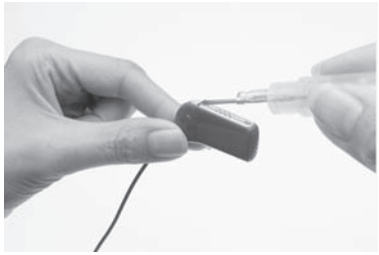
To lock the battery module to the LiteWear Cable:



1. Attach the LiteWear Cable to the battery module.



2. Using a pair of tweezers or a screwdriver, push the latch on the lower shoe of the LiteWear Cable to the left.

To unlock, push the latch to the right.

Using the LiteWear Case

You can use the LiteWear Case to protect and hold the battery module securely. The LiteWear Case has a safety feature to reduce the risk of children removing the battery module from the case. The LiteWear Case can be attached to the body with a LiteWear Fixing Aid.

You cannot use the LiteWear Case with the Compact Rechargeable Battery Module.

Figure 2: LiteWear Case

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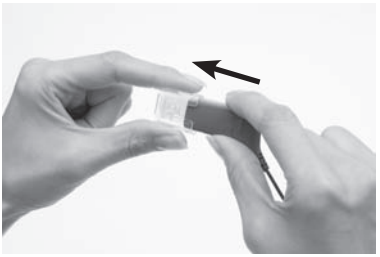
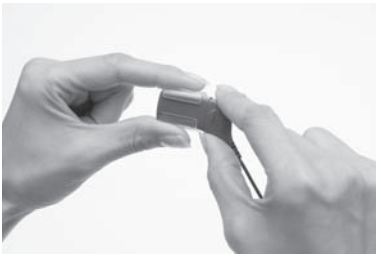
To insert the battery module into the LiteWear Case:

1. If a LiteWear Fixing Aid is not already attached to the LiteWear Case, attach it before inserting the battery module into the LiteWear Case. For more information, see *Attaching and detaching the LiteWear Fixing Aid*.
2. Hold the LiteWear Case in one hand and the lower end of the cable shoe in the other hand.



3. Insert the battery module into the LiteWear Case by gently pushing on the lower end of the cable shoe. The Battery Module can be inserted both ways.



4. Continue pushing on the cable shoe until the battery module is fully inserted and clicks into place.

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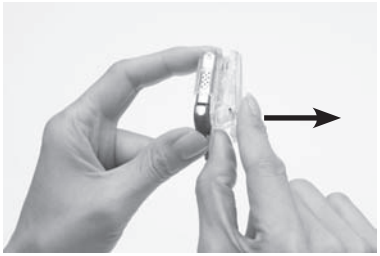
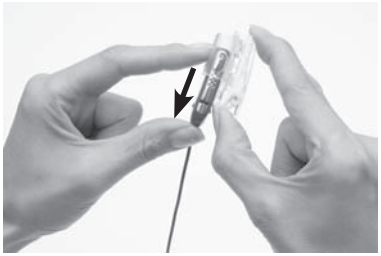
To remove the battery module from the LiteWear Case:





1. Hold the LiteWear Case with both hands.
2. Slightly pull the top of the LiteWear Case away from the lower end of the cable shoe.
3. Remove the battery module by pushing it from the bottom.

Attaching and detaching the LiteWear Fixing Aid

You can use a LiteWear Fixing Aid to attach the LiteWear Case to your clothing.

Three different fixing aids are available:

- Cochlear Nucleus CP800 Series LiteWear Fixing Aid (Alligator Clip).
- Cochlear Nucleus CP800 Series LiteWear Fixing Aid (Hook & Loop).
- Cochlear Nucleus CP800 Series LiteWear Fixing Aid (Safety Pin).

Figure 3: LiteWear Fixing Aids: Hook & Loop (1), Safety Pin (2) and Alligator Clip (3)

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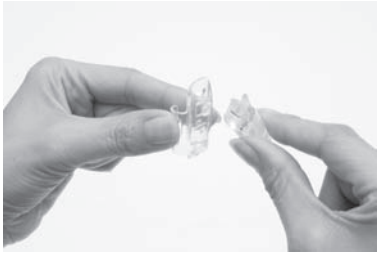
To attach the LiteWear Fixing Aid to the LiteWear Case:



1. Ensure that the battery module has not been inserted into the LiteWear Case.

2. Hold the LiteWear Case in one hand and the LiteWear Fixing Aid in the other hand.

3. Align the hooks on the side of the LiteWear Case with the hooks on the LiteWear Fixing Aid so they touch. The LiteWear Fixing Aid should be positioned at a slight angle.

4. Rotate the LiteWear Fixing Aid in a clockwise direction until it clicks into place.

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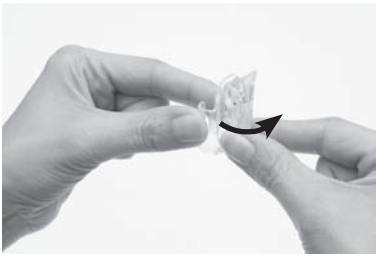
To detach the LiteWear Fixing Aid from the LiteWear Case:

1. Remove the battery module from the LiteWear Case.



2. Rotate the LiteWear Fixing Aid in an anti-clockwise direction until you detach it from the LiteWear Case.

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Using the Tamper Resistant Earhook

The Cochlear Nucleus CP800 Series Tamper Resistant Earhook allows you to lock the earhook to the processing unit. This reduces the risk of children detaching the earhook from the processing unit.

To attach the tamper resistant earhook:

1. Attach the tamper resistant earhook to the processing unit, ensuring that the hole on the earhook is aligned with the hole on the earhook end of the processing unit.

   For more information on attaching the earhook to the processing unit, refer to the CP810 Sound Processor User Guide that you received with your processor documentation.

2. Insert the earhook fitting pin into the hole on the flat end of the earhook fitting tool.
3. Partially insert the earhook fitting pin into the hole on the earhook.

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4. Push the earhook fitting pin in with the earhook fitting tool until the pin is fully inserted. Ensure that the pin does not protrude from either side of the earhook.

To remove the tamper resistant earhook:

1. Hold the processor between the thumb and index finger.
2. Insert the pointed end of the earhook fitting tool into the hole on the earhook.
3. Push the earhook fitting tool in to remove the earhook fitting pin. Do not use too much force when pushing the earhook fitting pin out as it could damage the earhook fitting tool.
4. Remove the tamper resistant earhook by rotating it downwards.

Do not let children attach or remove the tamper resistant earhook without adult supervision.

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Replacing microphone protectors

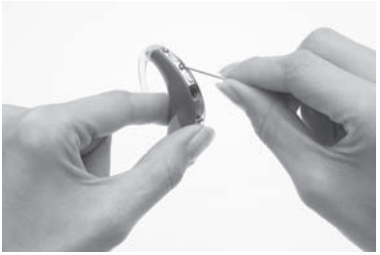
Microphone protectors are designed to protect the microphones from dirt and moisture. It is important that you keep the microphone protectors in place at all times.

Removing microphone protectors

The Cochlear Nucleus CP800 Series Microphone Protector Removal Tool allows you to remove the microphone protectors from the processing unit. You can also use a needle or pin (e.g. safety pin).

To remove the microphone protectors:

1. Hold the processor in one hand and the Microphone Protector Removal Tool (or needle or pin) in the other hand.
2. Align the Microphone Protector Removal Tool (or needle or pin) with the recess on either side of the microphone hole. Do not insert the Microphone Protector Removal Tool (or needle or pin) directly into the hole as it could damage the microphone.



3. Gently lift the microphone protector out with the Microphone Protector Removal Tool (or needle or pin).

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Inserting new microphone protectors

You can insert the microphone protectors using the Cochlear Nucleus CP800 Series Microphone Protector Applicator, or your fingers.

To insert the microphone protectors using the Microphone Protector Applicator:

1. Hold the processor in one hand and the Microphone Protector Applicator in the other hand. The top side of the Microphone Protector Applicator (side with the tabs on the sides of the protector) should face upwards.

2. Align the microphone protector with the microphone protector hole on the processing unit. The tabs on the sides of the microphone protector should align with the recesses on the sides of the microphone hole.

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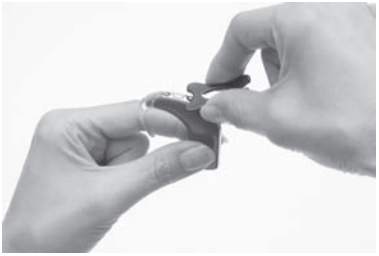

3. Push the Microphone Protector Applicator downwards until the microphone protector is placed in the microphone hole.

4. Lift the Microphone Protector Applicator to snap off the protector.
5. When inserted properly, the top surface of the microphone protector should align with the top of the spine of the processing unit. If the top surface of the microphone protector is positioned above the spine, re-insert the microphone protector.

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To insert the microphone protectors with your fingers:

1. Hold the microphone protector between your thumb and index finger with the top side of the microphone protector facing upwards.
2. Place the microphone protector on the spine of the processing unit.
3. Gently slide the microphone protector towards the microphone hole until the microphone protector is correctly positioned over the microphone hole. The tabs on the sides of the microphone protector should align with the recesses on the sides of the microphone hole.
4. Push the microphone protector into the microphone hole.
5. Check that the top surface of the microphone protector is aligned with the top of the spine of the processing unit.

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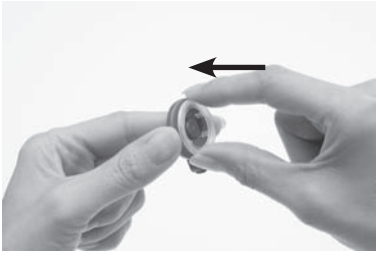
Using a Coil Spacer

If your coil magnet is too strong, it may cause discomfort or skin irritation. You can reduce magnet strength by using a weaker magnet. If this does not resolve the problem, you can use a Cochlear Nucleus CP800 Series Coil Spacer. In some cases where the coil is too close to the implant, the coil spacer can improve coil performance.

Your clinician will let you know if you need to use a coil spacer.

To place the coil spacer on the coil:



1. Hold the coil between the thumb and index finger with the underside of the coil facing up.
2. Hold the coil spacer in the other hand and align the coil spacer clips with the slots on both sides of the coil.
3. Clip the coil spacer into place. Do not force the coil spacer into place. It should fit easily.

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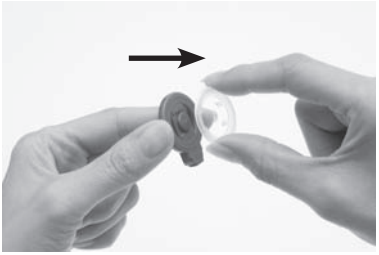
To remove the coil spacer from the coil:

1. Hold the coil between the thumb and index finger with the coil spacer side facing up.



2. Lift the coil spacer out with your fingers.

Auto Processor Off

Your processor automatically turns off when the coil is off (e.g. coil is not placed on your head) for more than two minutes. The coil-off indicator light (flashes of orange) flashes until the processor turns off.

If you change a processor setting (using either the processor buttons or the CR110 Remote Assistant) while the coil-off indicator light is flashing, the processor will turn off two minutes after making the change.

Your clinician can enable or disable the Auto Processor Off feature.

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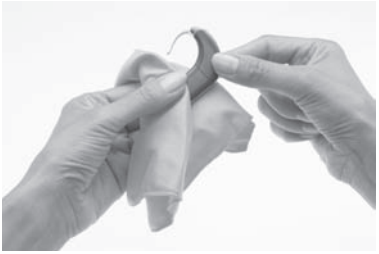
Care and maintenance of standard battery modules (disposable batteries)

Without proper care and maintenance, moisture or sweat due to humidity or an active life style (e.g. sports) can damage your standard battery module. To protect your standard battery module, follow the guidance in this section.

Using the Zephyr Dry and Store to store your processor:



1. Wipe the processor with a soft dry cloth before removing the battery cover.

2. Remove the battery cover from the battery holder.

3. Remove the disposable batteries (zinc air batteries) from the battery holder.

4. Place the processing unit, coil and coil cable, battery cover and batteries in the Zephyr Dry and Store. The battery holder can remain attached to the processing unit.

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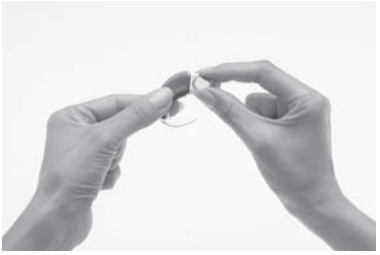
If the processor gets wet:

1. Wipe the processor with a soft dry cloth before removing the battery cover.

2. Remove the battery cover from the battery holder.
3. Remove the batteries from the battery holder.

4. Wipe the battery holder and battery cover (inside and outside) with a soft dry cloth to remove any water, moisture or sweat.



5. Replace the disposable batteries with new ones.

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If you notice any dirt or debris in the battery holder:

1. Remove the batteries from the battery holder.
2. Clean the battery contacts with a cotton bud.
3. If the contacts are still dirty, replace the battery holder with a new one.

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Updates to the Cochlear™ Nucleus® CP800 and CR100 Series Product Catalogue

Coil magnet strengths

The available coil magnet strengths are:

- ½ M
- 1 M
- 2 M
- 3 M
- 4 M
- 5 M

The 6 M coil magnet is currently not available.

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Erratum

Cochlear™ Nucleus® CP800 and CR100 Series Product Catalogue

Coil spacer

The part number for the coil spacer should be 'Z208284' and not 'Z206769'.

Dry-Brik® Desiccant

The part number for the Dry-Brik Desiccant should be 'Z60764' and not 'Z260764'.

Battery chargers and cables

The correct image for the remote assistant charging kit (part number Z218960) is:

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Cochlear Nucleus CP810 Sound Processor User Guide and Cochlear Nucleus CP810 Sound Processor and Cochlear Nucleus CR110 Remote Assistant Troubleshooting Guide

References to replacing microphone protectors

Replace the references:

- 'It is important that you keep the microphone protectors in place at all times, and replace them once a month.' (p12 of the Cochlear Nucleus CP810 Sound Processor User Guide)
- 'Replace the microphone protectors if you notice degradation in the sound quality, or if the protectors look dirty. It is generally a good idea to replace microphone protectors approximately once a month.' (p58 of the Cochlear Nucleus CP810 Sound Processor User Guide)
- 'Confirm that the microphone protectors are in place. Make sure you have changed them at least once in the past month. If not, change them now.' (p7 of the Cochlear Nucleus CP810 Sound Processor and Cochlear Nucleus CR110 Remote Assistant Troubleshooting Guide).

With the following:

'It is important that you keep the microphone protectors in place at all times. Replace the microphone protectors if you notice degradation in the sound quality, or if the protectors look dirty.'

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